

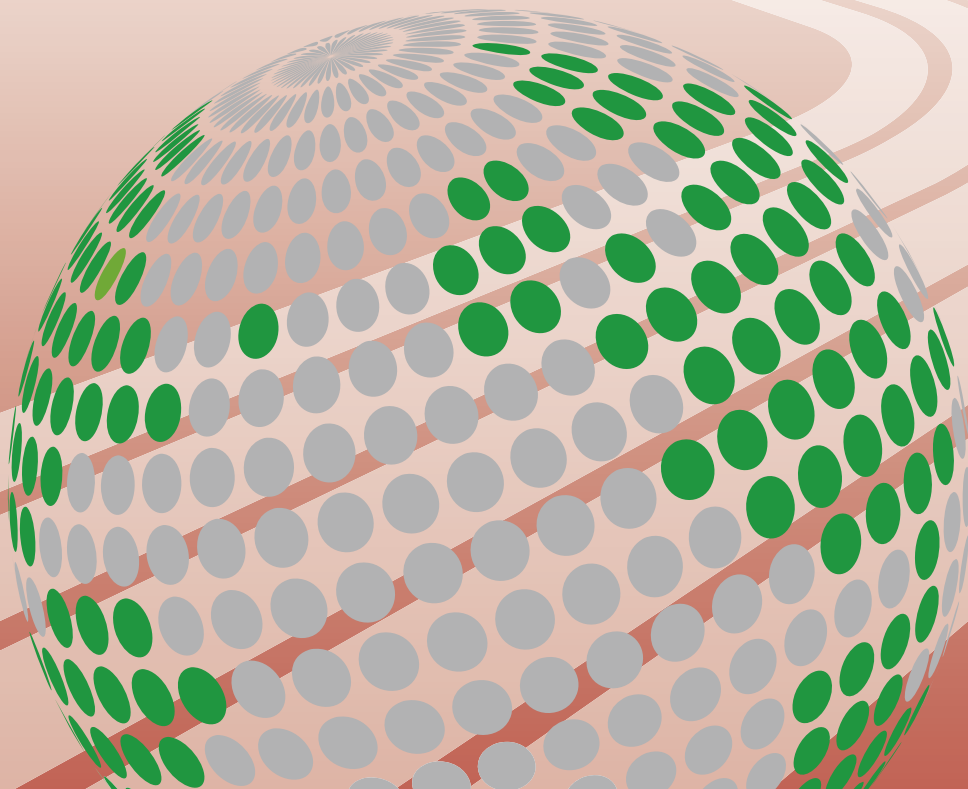
SPEN BEARINGS

Bearing and Oilseal Specialists
Power Transmission Engineers



The Engineer's Tool Kit

SEALS



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Our products

Orings

At IADA we stock all ranges of Orings including British Imperial (BS1806), British Metric (BS4518). European Metric (ISO/DIN 3601), including German (DIN 3771), Swedish (SMS 1586/1588) and French (NFT 47 501). American (SAE AS568A, MS 29 513) and Japanese Metric (JISB 2401).



Many of our Orings are available with various approvals FDA, WRC, WRAS, UL, DVGW, KTW, BGVV, KIWA, USP, NSF/ANSI, EN549, EN681-1, EN682 are just some of the approvals available.

[All approvals can be provided with full certification.](#)

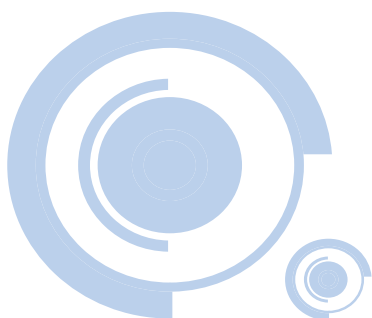
Bonded Seals

Our huge stock holding of Bonded Seals makes IADA many engineers first choice when faced with assembly downtime. All ranges are stocked in standard and self centred with a wide choice of elastomers and metals to suit your application. Consignment stocks are available, for more information please contact our sales department to discuss further.



Circlips

Both standard and non-standard ranges are stocked by IADA. Our range includes parts manufactured by Beneri, Rotor-clip and Cirteq. Our main stock holding is produced from Carbon spring steel and Stainless steel. However IADA offers a quick turnaround plating facility for those special requirements. IADA also carries a comprehensive range of E-clips, Wire rings, Snap rings and numerous other Fastener supplies.








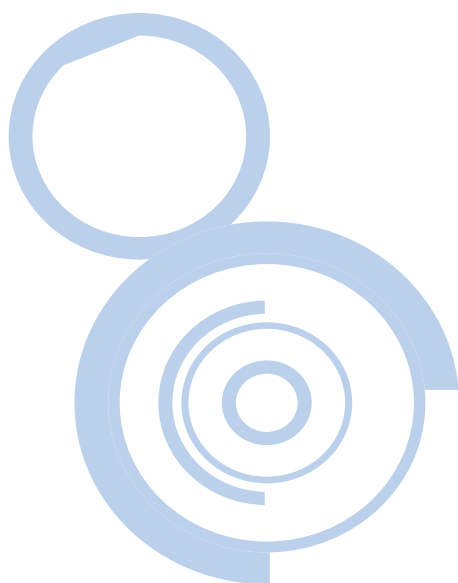
Many of our Orings are available with various approvals

Oil Seals

With our extensive Oilseal stock of over 8,000 different sizes and various styles, IADA is an ideal choice to service your production and replacement part requirements.

Brands available include NTK, TTO, NAK, MFC, GUFERO, FREUDENBERG, NOK, CR, NATIONAL, PIONEER WESTON, STEMCO , GOETZE, GARLOCK, KACO, PAYEN, JM CLIPPER, STEFA, AEROQUIP, MERKEL, CORTECO AND MORE

	Rubber Covered Single Lipped	Rubber Covered Double Lipped	Metal Cased Single Lipped	Metal Cased Double Lipped	Totally Metal Cased Seal
					
Pioneer	R21	R23	R4	R6	R1
Stefa	CB	CC	BB	BC	DB
Nok	SC	TC	VC1	SB	SA
Garlock	92	94	71, 91	76	68
Freudenberg	BA	BASL	B1	B1SL	B2
Chicago-Rawhide			CRW1	CRWA1	CRWA1
Kaco	DG	DGS	DF	DFS	DFK
Goetze	827N	827S	822N	822S	824S



Over 8,000 different sizes and various styles



Kits

O-ring kits, Bonded Seal Kits, Circlips kits, Copper washer kits, Fibre Washer kits, Splicing kits are just some of the off the shelf kits available.

Other quality products stocked at IADA include:

V Rings

Gamma Seals

RJT Orings

Back up Rings

VK Seals

U seals

Distributor Seals (DE & DI)

Gland Packing

Hydraulic Seals

Selon Washers

Seloc Washers

O-ring Cord

Quad Rings

Speedi – Sleeves

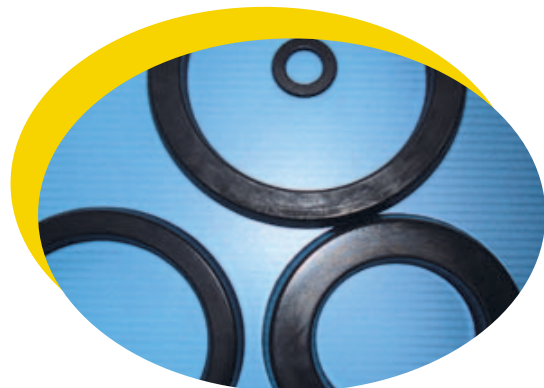
Rubber Sheeting

PTFE BAR

Lubricants and Greases

Safety Equipment

Gaskets



SEALS

We also have a unique in house kitting facility



Special Parts

Our extensive capabilities continue with our moulding facility. IADA is able to manufacture and supply high performance moulded Orings and rubber components to various industries.

There are no minimum order values and more importantly for that critical application all orings are molded. We Produce from all common elastomers many of which are able to operate in extreme conditions. Our extensive offer of elastomers includes the worlds most specified elastomer, Viton®.

There are three major generally used grades of Viton® fluoroelastomer: A, B and F. They differ primarily in their resistance to fluids, and in particular aggressive lubricating oils and oxygenated fuels. Such as methanol and ethanol automotive fuel blends. There is also a class of high performance Viton® grades: GB, GBL, GP, GLT, ETP, and GFLT.

SEALS

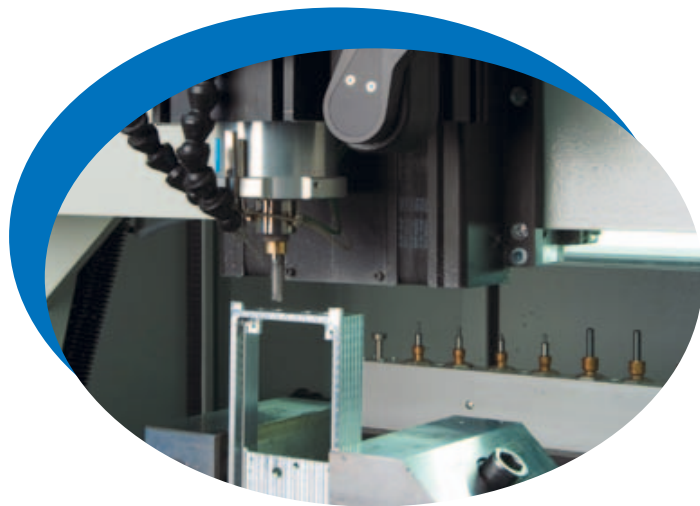


Our extensive capabilities continue with our moulding facility



The following materials and advanced versions of them are available in a number of colours and shore hardness.

Nitrile (Buna-N)
 Viton® (FPM, FKM)
 Neoprene® (CR)
 EPDM
 Silicone (VMQ)
 High Nitrile
 Aflas® (Tetrafluoroethylene Propylene, FEPM)
 Fluorosilicone (FVMQ)
 Polyurethane
 HNBR
 SBR (Styrene-Butadiene)
 Natural Rubber
 Polyacrylate (ACM)
 Butyl (IIR)
 PTFE
 Hypalon®
 Vamac® (AEM) - Ethylene Acrylic
 Perfluoroelastomers
 XNBR -Carboxylated Nitrile
 ECO - epichlorohydrin rubber
 PTFE Encapsulated

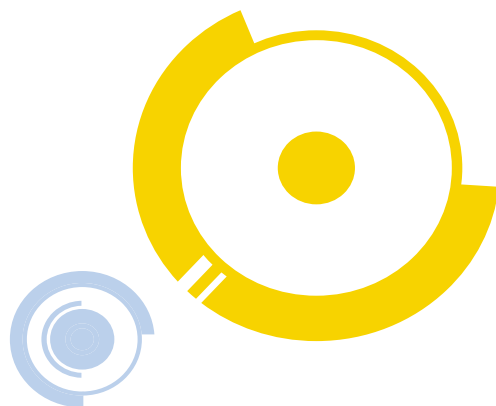


SEALS

Many of the above are available with various approvals, including full certification FDA, WRC, WRAS, UL, DVGW, KTW, BGVV, KIWA, USP, NSF/ANSI, EN549, EN681-1, EN682 are just some of the approvals available.

All approvals can be provided with full certification.

Lifting the Ceiling on Sealing



Material temperature ranges

Nitrile (Buna-N, NBR)

−30°F to 250°F (−34°C to 121°C)

EPDM (Ethylene Propylene, EPM)

−70°F to 300°F (−57°C to 149°C)

Neoprene® (Chloroprene, CR)

−35°F to 225°F (−37°C to 107°C)

SBR (Styrene-Butadiene)

−70°F to 225°F (−57°C to 107°C)

Silicone (VMQ)

−65°F to 450°F (−54°C to 232°C)

Butyl (IIR)

−75°F to 250°F (−59°C to 121°C)

Polyacrylate (ACM)

−5°F to 350°F (−21°C to 177°C)

Hypalon®

−20°F to 250°F (−29°C to 121°C)

Viton® (Fluorocarbon, FKM)

−15°F to 400°F (−26°C to 205°C)

Polyurethane

−40°F to 180°F (−40°C to 82°C)

Fluorosilicone (FVMQ)

−100°F to 350°F (−73°C to 177°C)

Aflas® (Tetrafluoroethylene Propylene, FEPM)

25°F to 450°F (−4°C to 232°C)

Kalrez® (Perfluoroelastomer, FFKM)

−15°F to 600°F (−26°C to 316°C)

Viton® Neoprene® Vamac® Hypalon® Kalrez® are registered trademarks of DuPont Dow Elastomers

Aflas® is a registered trademark of the Asahi Glass Co.
All technical information supplied in this brochure is for guide only

